(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



28 FEB 2005

(43) International Publication Date 11 March 2004 (11.03.2004)

PCT

(10) International Publication Number WO 2004/021690 A1

(51) International Patent Classification7:

H04M 3/58

(21) International Application Number:

PCT/KR2003/001624

(22) International Filing Date: 12 August 2003 (12.08.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 10-2002-0051548 29 August 2002 (29.08.2002) KR

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WO 2004/021690 A1

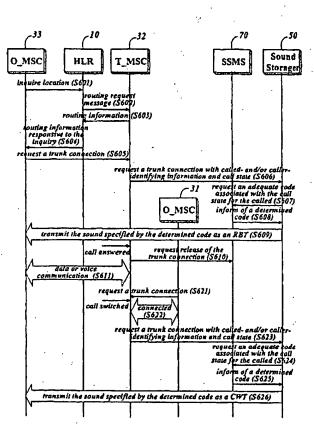
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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(54) Title: METHOD FOR PROVIDING A TONE REPLACING SOUND CHOSEN BY A SUBSCRIBER IN CALL WAITING SERVICE



(57) Abstract: The present invention relates to method for providing an arbitrary sound chosen by a called subscriber instead of an ordinary tone to a calling or callwaiting subscriber. In this present invention, if a call is received, a terminating exchanger requests a trunk connection to a sound db server based on the first information on whether or not to replace an ordinary tone and the second information on a route to the sound db server that were received from a home location register (HLR) when a called was registered, and provides the called identification and call state (idle/busy or call-waiting, etc.) for the sound server. Then, the sound db server searches its db for a sound associated with the call state specified by the called, and provides the found sound for the caller instead of a conventional tone via the terminating exchanger. Through this sequential procedure of network elements, a caller can hear a sound specified by a called instead of a dry ordinary tone.

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(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

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